

REMARKS/ARGUMENTS

Claims 15 and 22 have been amended. No new matter has been added. Claims 1-26 remain in the application. Applicants respectfully request reconsideration of the claims.

Claims 1-26 were rejected under 35U/SC103(a) as being unpatentable in view of Ylijurva (US Patent No. 6140970) in view of Park (US Pa. No. 6408188B1).

Applicants amend in part and traverse in part. Independent claims 15 and 22 have been amended to clarify that a memory device is embedded within the antenna. No new matter has been added. The amendment is supported throughout the specification, other independent claims and FIG. 2. The Ylijurva reference fails to teach or suggest a memory embedded within an antenna. The newly cited Park reference has been thoroughly reviewed and nowhere, including the passages cited by the Examiner, is there any teaching or suggestion of a memory device within an antenna. Park merely teaches a memory device (20) operatively coupled to a microprocessor (10) both residing within a mobile phone, as shown in FIG. 1 and described in col. 2, line 15-16.

Claim 1 recites an antenna including at least one single wire memory device programmed with antenna parameters. Claim 8 recites an antenna, comprising a single wire memory device programmed with antenna parameters. Claim 9 recites a memory device embedded in the antenna. Claim 12 recites an antenna, comprising a single wire memory device. Claim 15, as amended recites, a single wire memory device within the antenna. Claim 22, as amended recites, an antenna comprising a memory embedded

within the antenna. Claim 24 recites an antenna for coupling to a portable communication device, the antenna comprising a memory device for storing antenna parameters.

Additionally, as to the rejection of dependent claim 7, the Examiner refers to figures 2 and 4 and col. 6, lines 16-39 of Ylijurva as disclosing a portable communication device, further comprising a single coaxial connector and the at least one single wire device being electrically coupled thereto. Applicants respectfully counter that these figures and passages of Ylijurva do not support this assertion. The cited passage refers to a movable antenna (810) and a switch (820) disposed within a module casing (830).

Additionally, as to the rejection of independent claim 8, the Examiner refers col. 5, lines 18-33 of Ylijurva. Nothing in this passage teaches or suggests anything about single wire bus communications, nor does it suggest or teach enabling both RF bus transport and single wire bus communications. The cited passage relates to a cellular telephone casing (20) with an infra-red data port (26) and switching between an internal antenna (28) to an extendable antenna (22).

Accordingly, neither of the cited references taken individually or combined teaches or suggests an antenna having/including or comprising a memory device. Independent claims 1, 8, 9, 12, 15, 22, and 24 are therefore in condition for allowance. Claims 2-7, 10, 11, 13, 14, 16-21, 23, and 25, 26 are dependent claims providing further limitations to what are believed to be allowable independent claims and hence are also in condition for allowance.

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. No amendment made was for the purpose of narrowing the scope of any claim, unless Applicant has argued herein that such amendment was made to distinguish over a particular reference or combination of references.

The Applicants believe that the subject application, as amended, is in condition for allowance. Such action is earnestly solicited by the Applicants.

In the event that the Examiner deems the present application non-allowable, it is requested that the Examiner telephone the Applicant's attorney or agent at the number indicated below so that the prosecution of the present case may be advanced by the clarification of any continuing rejection.

Please charge any fees that may be due to Deposit Account 502117, Motorola, Inc.

Respectfully submitted,

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